

=> b reg  
FILE 'REGISTRY' ENTERED AT 14:27:20 ON 24 APR 2008  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/INITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 23 APR 2008 HIGHEST RN 1016892-81-1  
DICTIONARY FILE UPDATES: 23 APR 2008 HIGHEST RN 1016892-81-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

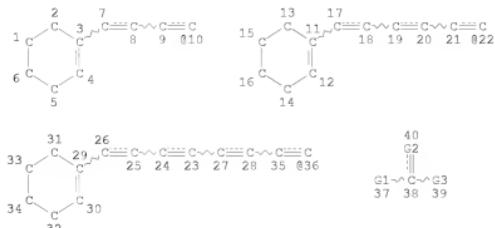
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stneng/stndoc/properties.html>

=> d que sta 16  
14 STR



N~\G4~\N~\G4~\N  
@41 42 @43 44 45 N~\G4~\N~\G4~\N~\G4~\N  
@46 47 @48 49 50 51 52

N~\G4~\N~\G4~\N~\G4~\N~\G4~\N~\G4~\N  
@57 58 55 54 53 59 60 61 62 63

VAR G1=10/22/36  
VAR G2=0/S  
VAR G3=41/43/46/48/57  
VAR G4=AK/ID  
NODE ATTRIBUTES:  
DEFAULT MLEVEL IS ATOM  
DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:  
RING(S) ARE ISOLATED OR EMBEDDED  
NUMBER OF NODES IS 63

STEREO ATTRIBUTES: NONE  
16 23 SEA FILE-REGISTRY SSS FUL L4

100.0% PROCESSED 12203 ITERATIONS  
SEARCH TIME: 00.00.01 23 ANSWERS

-> b hcaps  
FILE 'HCAPLUS' ENTERED AT 14:27:28 ON 24 APR 2008  
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FILE COVERS 1907 - 24 Apr 2008 VOL 148 ISS 17  
FILE LAST UPDATED: 23 Apr 2008 (20080423/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

-> d bib abs hitstr 19 tot



10 / 549905

-> d bib abs hitstr 115 tot















-> b uspatall  
FILE 'USPATFULL' ENTERED AT 14:28:05 ON 24 APR 2008  
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FILE 'USPATOLD' ENTERED AT 14:28:05 ON 24 APR 2008  
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FILE 'USPATZ2' ENTERED AT 14:28:05 ON 24 APR 2008  
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-> d bib abs hitstr 118 tot



10 / 549905

-> d bib abs hitstr 119 tot

## 113 ANSWER 1 OF 4 HIBERNATELON 529

AN

100-154704 UNIPROT

AS

AT

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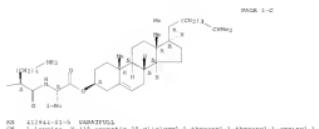
C364

C365

C366



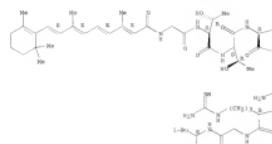
119 ANSWER 3 EXP 4 IDENTIFIED OR NOT (CONT'D)



NS 457944-83K UNSUBST1  
 CS 3-Lysocine-N-(115-oxopent-3-yl)glycyl-5-thienyl-l-thiophenyl-l-arginyl-l-  
 leucyl-l-threonyl-l-arginyl-l-lysyl-l-arginylglycyl-l-leucyl-5-lysyl-  
 cysteine (CA INDEX NAME)

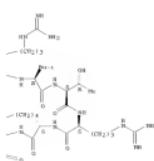
Approximate stereochemistry:  
Double bond geometry as shown.

第六章 二二〇



800-10

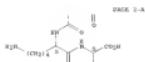
119 ANSWER 2 OF 4 GRAFTON, OR 97080 (CONTINUE)



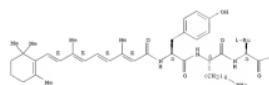
HN 412944-02-6 UNNAMED  
CN L-serine, N-(15-oxo-  
glutamyl)glycyl-L-tha-  
arginyl-L-lysyl-L-as-  
thetyl-L-alanyl-L-  
(CA (PROTEIN NAME))

Absolute stereochemistry.  
Double bond geometry as shown

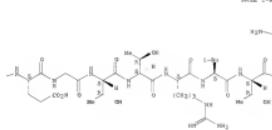
DATA, 1-8



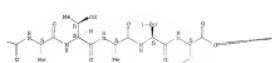
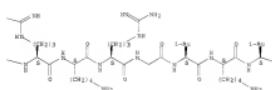
2002-1-3



319 ANSWER 2 OF 4 USETHISFILE ON SITE (Continued)



MS. 1.2



119 ANSWER 2 OF 4 USEFULNESS ON GDS (Continued)



ANSWER

24/04/2008 Page 17



111 ANALYSIS OF THE 1990 ELECTION IN GERMANY



DAGE 3-4

$$\begin{array}{c}
 & \text{O} & \text{CO}_2\text{H} & \text{O} \\
 & \parallel & & \parallel \\
 \text{C} & -\text{NH} & \text{CH}_2 & \text{NH} - \text{C} & \text{F}_3 \\
 & \parallel & & \parallel \\
 \text{---CH}_2 & -\text{C}=\text{NH} & \text{---CH}_2 & (\text{CH}_2)_3 & -\text{CH}=\text{CO}_2\text{H}
 \end{array}$$

11. **Chemical Name:** 2-(3,3-dimethyl-2-oxo-9-(2,6,6-trimethyl-1-cyclohexenyl)-2-yl)-2,4,6,8-tetraacetylene-1-allyl-1-D-γ-glutamyl-L-lysyl, (all- $\alpha$ )- (C13H26 NAME)

PAGE 1-A

PAGE 1-9

$$\begin{array}{c}
 \text{O} & \text{H}^+ \\
 | & | \\
 \text{C}-\text{NH}_2 & -\text{H}_2\text{N}-\text{CH}_2-\text{CO}_2\text{H} \\
 | & | \\
 \text{CH}_2-\text{C}-\text{NH}-\text{CH}_2-\text{C}(=\text{O})-\text{NH}_2 & \text{CH}_2-\text{C}(=\text{O})-\text{NH}_2
 \end{array}$$

1-17951-1 1-111-61-15911 100 INDEX BOUND

PAGE 1-8



2,6-bis(4-aminophenoxy)benzene



4-aminobiphenyl



4-aminobiphenyl-4-carboxylic acid

$$\begin{array}{c}
 \text{O} \\
 || \\
 \text{C} - \text{NH} - \text{CH}_2 - \text{CO}_2\text{R} \\
 | \\
 \text{C} = \text{O} \\
 \text{---CH}_2 - \text{C} - \text{NH} - \text{CH}_2 - (\text{CH}_2)_3 - \text{C} - \text{NH} - \text{CO}_2\text{R} \\
 | \\
 \text{NH}_2
 \end{array}$$

-> d his

(FILE 'HOME' ENTERED AT 14:05:23 ON 24 APR 2008)  
FILE 'HCAPLUS' ENTERED AT 14:05:37 ON 24 APR 2008  
L1       1 US20060189696/PN  
FILE 'REGISTRY' ENTERED AT 14:05:52 ON 24 APR 2008  
FILE 'HCAPLUS' ENTERED AT 14:05:52 ON 24 APR 2008  
L2       TRA L1 1- RN :           39 TERMS  
FILE 'REGISTRY' ENTERED AT 14:05:53 ON 24 APR 2008  
L3       39 SEA L2  
FILE 'REGISTRY' ENTERED AT 14:06:05 ON 24 APR 2008  
L4       STR  
L5       2 L4  
L6       23 L4 FULL  
      SAV TEM L6 J905C1/A  
L7       5 L6 AND L3  
L8       18 L6 NOT L7  
FILE 'HCAPLUS' ENTERED AT 14:15:06 ON 24 APR 2008  
L9       4 L7  
L10      11 L8  
L11      8 L10 AND (PD<=20020822 OR AD<=20020822 OR PRD<=20020822)  
L12      7 L10 AND PD<=20010822  
L13      3 L10 NOT L11-12  
      SEL HIT RN L13  
FILE 'REGISTRY' ENTERED AT 14:19:14 ON 24 APR 2008  
L14      6 E1-6  
FILE 'HCAPLUS' ENTERED AT 14:21:21 ON 24 APR 2008  
L15      8 L11-12  
      SEL HIT RN  
FILE 'REGISTRY' ENTERED AT 14:21:39 ON 24 APR 2008  
L16      12 E7-18  
FILE 'HCAOLD' ENTERED AT 14:24:20 ON 24 APR 2008  
L17      0 L6  
FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 14:24:32 ON 24 APR 2008  
L18      1 L7  
L19      4 L8